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DEC 13 2006

REMARKS

This is a full and timely response to the non-final Office action mailed September 13, 2006. Reexamination and reconsideration in view of the foregoing amendments and following remarks is respectfully solicited.

Claims 1-35 are pending in this application, with Claims 1, 23, and 33 being the independent claims. Claims 33-35 have been withdrawn. No new matter is believed to have been added.

Rejections Under 35 U.S.C. § 103

Claims 1-10, 23, and 28-29 are rejected under 35 U.S.C. § 103 as allegedly being unpatentable over U.S. Pub. No. 2004/0106404 to Gould et al. ("Gould"). This rejection is respectfully traversed.

Independent claim 1 recites, *inter alia*, the steps of sensing and storing baseline parametric data during operation of the aircraft accessory during an acceptance test procedure where the baseline parametric data comprises data relating to aircraft accessory performance, sensing real-time operational parametric data, determining at least one relationship between the sensed real-time operational parametric data and the stored baseline parametric data, monitoring the determined relationships until one of the determined relationships signals aircraft accessory wear, and reporting the wear signaling relationship to an operator. Independent claim 23 recites, *inter alia*, memory, a reporter, and a processor. The memory has stored therein at least baseline parametric data that was obtained during an acceptance test procedure where the baseline parametric data comprises data relating to aircraft accessory performance. The processor is coupled to receive a sensor signal and is in operable communication with the memory and the reporter. The processor is configured to (i) selectively retrieve the baseline parametric data from the memory, (ii) produce operational parametric data from the sensor signal, (iii) compare the operational parametric data with the baseline parametric data, to thereby determine a relationship there between, (iv) monitor the determined relationships until one of the determined relationships signals aircraft accessory wear, and (v) provide a command to the reporter to signal the aircraft accessory wear to the user.

Gould discloses an aircraft wireless data communication system that allows authorized

computer users to perform comparisons between an aircraft actual configuration identity and an aircraft authorized configuration identity. See Abstract. However, nowhere does Gould discuss determining at least one relationship between the sensed real-time operational parametric data and the stored baseline parametric data, monitoring the determined relationships until one of the determined relationships signals aircraft accessory wear, and reporting the wear signaling relationship to an operator, as recited in claim 1. Additionally, Gould does not teach a processor that is configured to (i) selectively retrieve the baseline parametric data from the memory, (ii) produce operational parametric data from the sensor signal, (iii) compare the operational parametric data with the baseline parametric data, to thereby determine a relationship there between, (iv) monitor the determined relationships until one of the determined relationships signals aircraft accessory wear, and (v) provide a command to the reporter to signal the aircraft accessory wear to the user, as recited in claim 23. There is simply no mention or teaching of this feature.

The Examiner is well aware of the three basic criteria necessary to establish a prima facie case of obviousness. First, there must be some suggestion or motivation, either in the references themselves or in the knowledge generally available to one of ordinary skill in the art, to modify the reference or combine reference teachings. Second, there must be a reasonable expectation of success, and third, the prior art reference or references must teach or suggest all the claim limitations. The teaching or suggestion to make the combination and the reasonable expectation of success must both be found in the prior art, and not based on Applicants' disclosure. In *Re Vaeck*, 947 Fed. 2d 488, 20 USPQ 2d, 1438 (Fed. Cir. 1991). Accordingly, as Gould fails to disclose, either explicitly or inherently, at least the above-noted elements of claims 1 and 23, and the Examiner has failed to provide such an explicit or inherent disclosure of these elements, it is respectfully submitted that the rejection of these claims and the claims that depend therefrom (e.g. claims 2-10 and claims 28-29, respectively) is improper and the Applicants request withdrawal of the § 103 rejection.

Claim 10 is rejected under 35 U.S.C. § 103 as allegedly being unpatentable over Gould in view of U.S. Pat. No. 4,964,125 to Kim ("Kim"). Claim 10 depends from claim 1 and therefore relies on the arguments presented above as they relate to Gould. Moreover, Kim does not make up for the deficiencies of Gould. Specifically, Kim teaches a system for diagnosing a fault, see

Abstract; however, nowhere does Kim suggest determining at least one relationship between the sensed real-time operational parametric data and the stored baseline parametric data, monitoring the determined relationships until one of the determined relationships signals aircraft accessory wear, and reporting the wear signaling relationship to an operator, as claimed in claim 1. Accordingly, as Gould and Kim fail to teach or suggest all the claim limitations of claim 1, and thus, claim 10, the Applicants respectfully request withdrawal of this rejection.

Claims 11-22 and 24-27, 30, and 32 are rejected under 35 U.S.C. § 103 as allegedly being unpatentable over Gould in view of U.S. Pub. No. 2003/0144969 to Coyne ("Coyne"). Claims 11-22 depend from claim 10 and claims 24-27, 30, and 32 depend from claim 23. Thus, these claims rely on the arguments presented above, as they relate to Gould. Coyne does not make up for the deficiencies of Gould. In particular, Coyne teaches a method and system are provided for the transfer and/or aggregation of data and, in particular, integrating data used in managing a professional services practice. However, Coyne does not suggest determining at least one relationship between the sensed real-time operational parametric data and the stored baseline parametric data, monitoring the determined relationships until one of the determined relationships signals aircraft accessory wear, and reporting the wear signaling relationship to an operator, as recited in claim 1. Additionally, Coyne does not teach a processor that is configured to (i) selectively retrieve the baseline parametric data from the memory, (ii) produce operational parametric data from the sensor signal, (iii) compare the operational parametric data with the baseline parametric data, to thereby determine a relationship there between, (iv) monitor the determined relationships until one of the determined relationships signals aircraft accessory wear, and (v) provide a command to the reporter to signal the aircraft accessory wear to the user, as recited in claim 23. Accordingly, as Gould and Coyne fail to teach or suggest all the claim limitations of claims 1 and 23, and thus, claims 11-22 and 24-27, 30, and 32, the Applicants respectfully request withdrawal of this rejection.

#### Support for Claim Amendments

As noted above, claims 18 and 25 have been amended. The claims are shown marked up with support for the amendments following in (parentheses):

Claim 1 A method for monitoring an aircraft accessory comprising the steps of:

sensing baseline parametric data during operation of the aircraft accessory during an acceptance test procedure, the baseline parametric data comprising data relating to aircraft accessory performance (par. [0027]);

storing said sensed baseline parametric data;

sensing real-time operational parametric data;

comparing the sensed real-time operational parametric data with the stored baseline parametric data; [[and]]

determining at least one relationship between the sensed real-time operational parametric data and the stored baseline parametric data;

monitoring the determined relationships until one of the determined relationships signals aircraft accessory wear (par. [0031]);

reporting the wear signaling relationship to an operator (par. [0032])

Claim 23 An apparatus for monitoring an aircraft accessory, comprising

memory having stored therein at least baseline parametric data that was obtained during an acceptance test procedure, the baseline parametric data comprising data relating to aircraft accessory performance (par. [0027]);

a sensor configured to sense a physical parameter associated with the aircraft accessory and operable to supply a sensor signal representative thereof;

a reporter configured to provide a signal to a user (par. [0024]);

a processor coupled to receive the sensor signal and in operable communication with the memory and the reporter (par. [0024]), the processor configured to (i) selectively retrieve the baseline parametric data from the memory, (ii) produce operational parametric data from the sensor signal, [[and]] (iii) compare the operational parametric data with the baseline parametric data, to thereby determine a relationship there between, (iv) monitor the determined relationships until one of the determined relationships signals aircraft accessory wear, and (v) provide a command to the reporter to signal the aircraft accessory wear to the user (par. [0031] and [0032]).

No new matter has been introduced as a result of these amendments.

Conclusion

Based on the above, independent Claims 1 and 23 are patentable over the citations of record. The dependent claims are also deemed patentable for the reasons given above with respect to the independent claims and because each recite features which are patentable in its own right. Individual consideration of the dependent claims is respectfully solicited.

The Applicants understand that the other art of record does not disclose or suggest the inventive concept of the present invention as defined by the claims.

Hence, the Applicants submit that the present application is in condition for allowance. Favorable reconsideration and withdrawal of the objections and rejections set forth in the above-noted Office Action, and an early Notice of Allowance are requested.

If the Examiner has any comments or suggestions that could place this application in even better form, the Examiner is requested to telephone the undersigned attorney at the below-listed number.

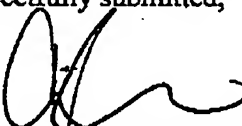
If for some reason the Applicants have not paid a sufficient fee for this response, please consider this as authorization to charge Ingrassia, Fisher & Lorenz, Deposit Account No. 50-2091 for any fee which may be due.

Respectfully submitted,

Dated:

12/13/06

By:



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